

1                   DUAL MODE COATING THICKNESS MEASURING INSTRUMENT

2                   ABSTRACT OF THE DISCLOSURE

3                   A coating thickness measuring instrument is provided. The coating thickness  
4                   measuring instrument has a first mode of operation in which it is operative to make  
5                   measurements with a first resolution and a second mode of operation in which it is  
6                   operative to make measurements with a second resolution, the first resolution being  
7                   greater than the second. The instrument may provide a first short range high  
8                   resolution mode and a second long range low resolution mode. The first range may  
9                   be contained in or overlap the second range.